

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SCOTT>cl scr

SCOTT>SELECT * FROM Emp;

COMM	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
		DEPTNO				
	7839	KING	PRESIDENT		17-NOV-81	5000
10	7698	BLAKE	MANAGER	7839	01-MAY-81	2850
30	7782	CLARK	MANAGER	7839	09-JUN-81	2450
10	7566	JONES	MANAGER	7839	02-APR-81	2975
20	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250
1400	30					
	7499	ALLEN	SALESMAN	7698	20-FEB-81	1600
300	30					
	7844	TURNER	SALESMAN	7698	08-SEP-81	1500
0	30					
	7900	JAMES	CLERK	7698	03-DEC-81	950
30						
	7521	WARD	SALESMAN	7698	22-FEB-81	1250
500	30					
	7902	FORD	ANALYST	7566	03-DEC-81	3000
20						
	7369	SMITH	CLERK	7902	17-DEC-80	800
20						
	7788	SCOTT	ANALYST	7566	09-DEC-82	3000
20						
	7876	ADAMS	CLERK	7788	12-JAN-83	1100
20						
	7934	MILLER	CLERK	7782	23-JAN-82	1300
10						

14 rows selected.

SCOTT>cl scr

SCOTT>GRANT SELECT
2 ON Emp
3 TO DBASEC;

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Grant succeeded.

SCOTT>DESC USER_TAB_PRIVS_MADE

Name	Null?
GRANTEE	NOT
NULL VARCHAR2 (30)	
TABLE_NAME	NOT
NULL VARCHAR2 (30)	
GRANTOR	NOT
NULL VARCHAR2 (30)	
PRIVILEGE	NOT
NULL VARCHAR2 (40)	
GRANTABLE	
VARCHAR2 (3)	
HIERARCHY	
VARCHAR2 (3)	

SCOTT>COLUMN GRANTEE FORMAT A15

SCOTT>COLUMN "Table" FORMAT A15

SCOTT>COLUMN GRANTOR FORMAT A15

SCOTT>COLUMN PRIVILEGE FORMAT A15

SCOTT>SELECT
2 GRANTEE,
3 TABLE_NAME "Table",
4 GRANTOR,
5 PRIVILEGE
6 FROM USER_TAB_PRIVS_MADE;

GRANTEE	Table	GRANTOR	PRIVILEGE
DBASEC	EMP	SCOTT	SELECT

SCOTT>REVOKE SELECT

2 ON Emp
3 FROM DBASEC;

Revoke succeeded.

SCOTT>SELECT
2 GRANTEE,

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```
3  TABLE_NAME "Table",
4  GRANTOR,
5  PRIVILEGE
6  FROM USER_TAB_PRIVS_MADE;
```

no rows selected

```
SCOTT>GRANT SELECT, DELETE
2  ON Emp
3  TO DBASEC;
```

Grant succeeded.

```
SCOTT>SELECT
2  GRANTEE,
3  TABLE_NAME "Table",
4  GRANTOR,
5  PRIVILEGE
6  FROM USER_TAB_PRIVS_MADE;
```

GRANTEE	Table	GRANTOR	PRIVILEGE
DBASEC	EMP	SCOTT	DELETE
DBASEC	EMP	SCOTT	SELECT

SCOTT>cl scr

```
SCOTT>SELECT * FROM Emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
7839	KING	PRESIDENT		17-NOV-81	5000
7698	BLAKE	MANAGER	7839	01-MAY-81	2850
7782	CLARK	MANAGER	7839	09-JUN-81	2450
7566	JONES	MANAGER	7839	02-APR-81	2975
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250

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```

300      7499 ALLEN      SALESMAN      7698 20-FEB-81      1600
      30
0      7844 TURNER      SALESMAN      7698 08-SEP-81      1500
      30
30      7900 JAMES      CLERK      7698 03-DEC-81      950
500      7521 WARD      SALESMAN      7698 22-FEB-81      1250
      30
20      7902 FORD      ANALYST      7566 03-DEC-81      3000
20      7369 SMITH      CLERK      7902 17-DEC-80      800
20      7788 SCOTT      ANALYST      7566 09-DEC-82      3000
20      7876 ADAMS      CLERK      7788 12-JAN-83      1100
20      7934 MILLER      CLERK      7782 23-JAN-82      1300
10

```

14 rows selected.

SCOTT>COMMIT;

Commit complete.

SCOTT>SELECT * FROM Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
	7839 KING	PRESIDENT		17-NOV-81	5000
10	7698 BLAKE	MANAGER	7839	01-MAY-81	2850
30	7782 CLARK	MANAGER	7839	09-JUN-81	2450
10	7566 JONES	MANAGER	7839	02-APR-81	2975
20	7654 MARTIN	SALESMAN	7698	28-SEP-81	1250
1400	30				
300	7499 ALLEN	SALESMAN	7698	20-FEB-81	1600
	30				

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```
.....
0      7844 TURNER      SALESMAN      7698 08-SEP-81      1500
      30
30     7900 JAMES      CLERK      7698 03-DEC-81      950
500    7521 WARD      SALESMAN      7698 22-FEB-81      1250
      30
20     7902 FORD      ANALYST      7566 03-DEC-81      3000
20     7369 SMITH      CLERK      7902 17-DEC-80      800
20     7788 SCOTT      ANALYST      7566 09-DEC-82      3000
20     7876 ADAMS      CLERK      7788 12-JAN-83      1100
20     7934 MILLER      CLERK      7782 23-JAN-82      1300
10
```

14 rows selected.

```
SCOTT>DELETE FROM Emp
2 WHERE Empno = 7934;
```

1 row deleted.

```
SCOTT>SELECT * FROM Emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
-----	-----	-----	-----	-----	-----
10	7839 KING	PRESIDENT		17-NOV-81	5000
30	7698 BLAKE	MANAGER	7839	01-MAY-81	2850
10	7782 CLARK	MANAGER	7839	09-JUN-81	2450
20	7566 JONES	MANAGER	7839	02-APR-81	2975
1400	7654 MARTIN	SALESMAN	7698	28-SEP-81	1250
300	7499 ALLEN	SALESMAN	7698	20-FEB-81	1600
0	7844 TURNER	SALESMAN	7698	08-SEP-81	1500
	30				

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```
.....
      7900 JAMES      CLERK      7698 03-DEC-81      950
30
      7521 WARD       SALESMAN  7698 22-FEB-81     1250
500      30
      7902 FORD       ANALYST   7566 03-DEC-81     3000
20
      7369 SMITH      CLERK     7902 17-DEC-80      800
20
      7788 SCOTT      ANALYST   7566 09-DEC-82     3000
20
      7876 ADAMS      CLERK     7788 12-JAN-83     1100
20
```

13 rows selected.

SCOTT>ROLLBACK;

Rollback complete.

```
SCOTT>GRANT UPDATE, INSERT
      2  ON Emp
      3  TO DBASEC;
```

Grant succeeded.

SCOTT>cl scr

```
SCOTT>DELETE FROM Emp
      2  WHERE Empno = 7934;
```

1 row deleted.

```
SCOTT>UPDATE Emp
      2  SET Sal = Sal + 1000
      3  WHERE Ename = 'BLAKE';
```

1 row updated.

```
SCOTT>UPDATE Emp
      2  SET Sal = Sal + 1000
      3  WHERE Ename = 'JONES';
```

1 row updated.

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SCOTT>ROLLBACK;

Rollback complete.

SCOTT>cl scr

SCOTT>REVOKE SELECT, INSERT, DELETE, UPDATE
2 ON Emp
3 FROM DBASEC;

Revoke succeeded.

SCOTT>SELECT
2 GRANTEE,
3 TABLE_NAME "Table",
4 GRANTOR,
5 PRIVILEGE
6 FROM USER_TAB_PRIVS_MADE;

no rows selected

SCOTT>cl scr

SCOTT>CREATE ROLE SCOTTRole;
CREATE ROLE SCOTTRole
*
ERROR at line 1:
ORA-01031: insufficient privileges

SCOTT>CREATE ROLE SCOTTRole;

Role created.

SCOTT>GRANT SELECT
2 ON Emp
3 TO SCOTTRole;

Grant succeeded.

SCOTT>GRANT SCOTTRole
2 TO DBASEC;

Grant succeeded.

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```
SCOTT>GRANT SELECT
      2  ON Dept
      3  TO SCOTTRole;
```

Grant succeeded.

```
SCOTT>REVOKE SELECT
      2  ON Dept
      3  FROM DBASEC;
REVOKE SELECT
*
```

ERROR at line 1:

ORA-01927: cannot REVOKE privileges you did not grant

```
SCOTT>REVOKE SELECT
      2  ON Dept
      3  FROM SCOTTRole;
```

Revoke succeeded.

```
SCOTT>DROP ROLE SCOTTRole;
```

Role dropped.

```
SCOTT>cl scr
```

```
SCOTT>DESC Emp
  Name
  Type
```

Null?

```
-----
EMPNO
NULL NUMBER(4)
ENAME
VARCHAR2(10)
JOB
VARCHAR2(9)
MGR
NUMBER(4)
HIREDATE
DATE
```

NOT

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```
SAL
NUMBER(7,2)
COMM
NUMBER(7,2)
DEPTNO
NULL NUMBER(2)
```

```
SCOTT>SELECT * FROM Emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
	7839	KING	PRESIDENT	17-NOV-81	5000
10	7698	BLAKE	MANAGER	7839 01-MAY-81	2850
30	7782	CLARK	MANAGER	7839 09-JUN-81	2450
10	7566	JONES	MANAGER	7839 02-APR-81	2975
20	7654	MARTIN	SALESMAN	7698 28-SEP-81	1250
1400	30				
	7499	ALLEN	SALESMAN	7698 20-FEB-81	1600
300	30				
	7844	TURNER	SALESMAN	7698 08-SEP-81	1500
0	30				
	7900	JAMES	CLERK	7698 03-DEC-81	950
30					
	7521	WARD	SALESMAN	7698 22-FEB-81	1250
500	30				
	7902	FORD	ANALYST	7566 03-DEC-81	3000
20					
	7369	SMITH	CLERK	7902 17-DEC-80	800
20					
	7788	SCOTT	ANALYST	7566 09-DEC-82	3000
20					
	7876	ADAMS	CLERK	7788 12-JAN-83	1100
20					
	7934	MILLER	CLERK	7782 23-JAN-82	1300
10					

```
14 rows selected.
```

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```
SCOTT>CREATE SYNONYM Employee
      2  FOR SCOTT.Emp;
CREATE SYNONYM Employee
*
ERROR at line 1:
ORA-01031: insufficient privileges
```

```
SCOTT>CREATE SYNONYM Employee
      2  FOR SCOTT.Emp;
```

Synonym created.

```
SCOTT>DESC Employee
```

Name	Null?
------	-------

Type

EMPNO	NOT
NULL NUMBER(4)	
ENAME	
VARCHAR2(10)	
JOB	
VARCHAR2(9)	
MGR	
NUMBER(4)	
HIREDATE	
DATE	
SAL	
NUMBER(7,2)	
COMM	
NUMBER(7,2)	
DEPTNO	NOT
NULL NUMBER(2)	

```
SCOTT>SELECT * FROM Employee;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
7839	KING	PRESIDENT		17-NOV-81	5000

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```
30      7698 BLAKE      MANAGER      7839 01-MAY-81      2850
10      7782 CLARK      MANAGER      7839 09-JUN-81      2450
20      7566 JONES      MANAGER      7839 02-APR-81      2975
1400    7654 MARTIN      SALESMAN      7698 28-SEP-81      1250
300     30
7844    7499 ALLEN      SALESMAN      7698 20-FEB-81      1600
0       30
7900    7844 TURNER      SALESMAN      7698 08-SEP-81      1500
30      7900 JAMES      CLERK        7698 03-DEC-81      950
500     7521 WARD      SALESMAN      7698 22-FEB-81      1250
20      7902 FORD      ANALYST      7566 03-DEC-81      3000
20      7369 SMITH      CLERK        7902 17-DEC-80      800
20      7788 SCOTT      ANALYST      7566 09-DEC-82      3000
20      7876 ADAMS      CLERK        7788 12-JAN-83      1100
10      7934 MILLER      CLERK        7782 23-JAN-82      1300
```

14 rows selected.

```
SCOTT>DROP TABLE Employee CASCADE CONSTRAINTS;
DROP TABLE Employee CASCADE CONSTRAINTS
*
```

```
ERROR at line 1:
ORA-00942: table or view does not exist
```

```
SCOTT>GRANT SELECT
2    ON Employee
3    TO DBASEC;
```

Grant succeeded.

```
SCOTT>CREATE PUBLIC SYNONYM Employee
2    FOR SCOTT.Emp@Server;
```

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```
FOR SCOTT.Emp@Server
      *
ERROR at line 2:
ORA-01031: insufficient privileges
```

```
SCOTT>CREATE PUBLIC SYNONYM Employee
      2  FOR SCOTT.Emp@Server;
```

Synonym created.

```
SCOTT>SPPOOL OFF
```

Oracle BY Sathish Yellanki (SkyEss)

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